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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/674,180	09/29/2003	Tohru Tachibana	JP920020179US1	1943
25259	7590	07/17/2007		
IBM CORPORATION 3039 CORNWALLIS RD. DEPT. T81 / B503, PO BOX 12195 REASEARCH TRIANGLE PARK, NC 27709			EXAMINER AUGUSTINE, NICHOLAS	
			ART UNIT 2179	PAPER NUMBER
			NOTIFICATION DATE 07/17/2007	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

RSWIPLAW@us.ibm.com

<b>Office Action Summary</b>	<b>Application No.</b> 10/674,180	<b>Applicant(s)</b> TACHIBANA ET AL.	
	<b>Examiner</b> Nicholas Augustine	<b>Art Unit</b> 2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 23 April 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 3-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

- A. This action is in response to the following communications: Amendment filed 04/23/2007. This action is made **final**.
- B. Claims 1, 3, 4-8, 10-11, 14 are amended. Claim 2 is cancelled. Claims 1, 3-14 remains pending.
- C. Claim rejection – 35 USC 101 is withdrawn.

***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 13 recites the limitation "said program" in line 3. There is insufficient antecedent basis for this limitation in the claim. Changing "said program" to "said program product" would render the claim proper under the second paragraph of 35 U.S.C. 112.

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1,3-14 are rejected under 35 U.S.C. 102(e) as being anticipated by lida, Shoichi (US 2002/0032739 A1).

**As for independent claims 1, 10,11,13 and 14,** lida teaches an information terminal and corresponding product, apparatus, system and medium which displays input pages downloaded from a server via a network, and which transmits, using the network, information entered into the input pages by a user, said information terminal (par.2, figure 1) comprising: a page display section for displaying a plurality of input pages using a browser executed by the information terminal (figure 4,5,6 and par.44, lines 5-10); an input information storage section for storing a plurality of input parameters entered by a user into more than one of the input pages (figure 2, item 9; memory acts as storing information for the portable terminal as well as items 7 and 8 have storage means necessary as those skilled in the art will appreciate); and an input information transmission section for transmitting the plurality of input parameters in response to an instruction (par.46, lines 1-5); and a page reception section (figure 2) for receiving the input pages and for associating the input pages with package identification information(par.30), wherein the input pages enable a user to enter the plurality of input parameters and further wherein the input information transmission section combines the

input parameters entered into the input pages of a package (par.45) and transmits the combined input parameters to the server (par.46-48, steps T6 and T7) (for the entire claim as a whole refer to paragraph 56).

As for dependent claims 3-9, lida teaches the information terminal according to claim 1:

- further comprising a page reception section for receiving the input pages and for associating the input pages with package identification information (figure 4; of course those skilled in the art will appreciate the network (figure 2) involved in sending and receiving the transmission that a pop, tcp/ip protocol with an ip address from DHCP and default gateway all in which act as well as a ID of the package being sent to the user with the portable terminal makeup for a unique id corresponding to the system), wherein the input pages enable a user to enter the plurality of input parameters (figure 4, wherein the user can input at the bottom of the page and figure 5 wherein the user has a plurality of pages to input to), and further wherein the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server (par.46, lines 5-9 and par.56, lines 4-6).

- wherein the input information storage section associates input identification information for identifying input information of a package with the input parameters (note the above analysis wherein the user sending the information is providing a unique id to the gateway server, also note that par.46, that if the gateway sever is ordering the data from the pull off function that an algorithm much to the use of those skills din the art is being utilities to id the order of strings being sent to the gateway server), and wherein the input information transmission section selects and combines input parameters entered into the input pages of a package and which are associated with the same input identification information from among the input parameters stored in the input information storage section, and transmits the resulting combination as the input information (note the above analysis, and (par.46, lines 5-9 and par.56, lines 4-6)
- wherein the input information transmission section combines the input parameters and transmits the combination after all of the input parameters of a package have been stored in the input information storage section (par.46, lines 5-9 and par.56, lines 4-6; wherein the memory unit 9 of figure 2, is utilized as those skilled in the art will appreciate the effectiveness of having memory unit on said device).

- further comprising a page storage section for storing the input pages and associating the plurality of input pages with package identification information; wherein the page reception section receives the input pages and associates the input pages with information for identifying a display order; and further wherein the page display section displays a selected input page stored in the page storage section, and then, responsive to receiving an indication that entry of input into the selected input page is complete, displays the input page that is next according to the display order (figure 4,5,6 and par.46, lines 5-9 and par.56, lines 4-6; also note the above analysis).
- wherein the page reception section receives destination information for identifying a return destination of the input information, and associates the destination information with package identification information; and the input information transmission section selects and combines a plurality of input parameters of a package from the information storage section, and transmits the resulting combination to the return destination identified by the destination information associated with the package (par.46, lines 5-9 and par.56, lines 4-6, note the analysis of the above).

- further comprising: an input information display section for displaying input parameters stored in the input information storage section; and a selection section for enabling the user to select input information to be transmitted; wherein the input information transmission section transmits the selected input information (figure 5 and par.46, lines 5-9 and par.56, lines 4-6; note the analysis above).
- further comprising an online detection section for determining whether the information terminal can communicate with an external apparatus, wherein the input information transmission section transmits the combined input parameters responsive to a determination of whether the information terminal can communicate with the external apparatus (par.50; wherein those skilled in the art will appreciate the an acceptance control module needs to be in communication with a network in order to receive packet information).
- further comprising: a return information storage section for associating return information from a server which has received the combined input parameters with information for identifying the server and storing the return information; and a return information display section for displaying the return information responsive to an instruction to display the return information ((par.46, lines 5-9



and par.56, lines 4-6 and par.50; control code for restricting the data).

**As for independent claim 12**, lida teaches 12. A method of communication between a server which stores a plurality of input pages and an information terminal which accepts a user's input entered using more than one of the input pages (note analysis of claim 1), comprising the steps of: transmitting a plurality of input pages from a server to an information terminal in response to a request from the information terminal; receiving the input pages by the information terminal (note analysis of dependent claims 2-9); displaying the input pages using a browser executed on the information terminal (note the analysis of claim 1); storing, in a memory of the information terminal, a plurality of input parameters entered using more than one of the input pages (note the analysis of claim 1); combining the stored input parameters according to package identification information (note the analysis of dependent claims 2-9); and transmitting the combined input parameters from the information terminal to the server in response to an instruction (note the analysis of claim 1).

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(\*) NOTE: It is noted that any citation to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33, 216 USPQ 1038, 1039 (Fed. Cir. 1983) (quoting In re Lemelson, 397 F.2d 1006,1009, 158 USPQ 275, 277 (CCPA 1968)).

### ***Response to Arguments***

Applicant's arguments filed 4/23/2007 have been fully considered but they are not persuasive.

- *Applicant argues that lida does not teach the concept of package, wherein in lida's Figure 4 that does not teach or suggest gathering (a), (b), and (c) as a package.*
- Examiner does not agree. lida teaches the user inputting/ creating information of more than one set to be included all together and sent across the network to a gateway server to from there be served to a final destination, these individual pieces make up one package (transmission) of a signal piece of information (document per se) to be transmitted. Note paragraphs 44-56. "...the text input boxes are read out and output to the gateway server and all of the text input boxes become empty, the gate server arrangements the text data that have been sequentially read out from the text input boxes in order of time of input and outputs a series of all arranged main text data..."(par.46); "...sequentially reads out the text data entered into the text input box into which entry of the most previously written text has been mad and outputs the text data to

the gateway server...” (par.48); “...and all of the text input boxes become empty, the gateway server arranges the text data which have been sequentially read out from the text input boxes in order of time...” (par.49); “... reconstruct an uninterrupted main text data...” (par.50). Although lida does not exactly mention the term “package” one of ordinary skill in the art would see the mentioning of combining user input from input fields and combining them to be sent to the gateway server as package wherein the package represents the entire message and the pieces of the package represent the screen real-estate size of information which can be represented on an end user mobile device for presentation. *Thus therefore lida teaches the concept of a package of information (a message comprising elements (a), (b) and (c)) and the use of a package of information (message).*

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within

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TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

### ***Inquires***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Augustine whose telephone number is 571-270-1056. The examiner can normally be reached on Monday - Friday: 7:30- 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Nicholas Augustine  
Examiner  
AU: 2179

N. Augustine  
July 3, 2007



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